

CENTRALIZED MANAGEMENT OF PACKAGING DATA WITH ARTWORK IMPORTATION MODULE

ABSTRACT

A central packaging data (CPD) management system provides an online environment in which customers manage packaging data for their respective products. The CPD management system securely distributes the packaging data to manufacturing sites or other output locations, and allows the customers to control the printed output material applied to their packaging and manufactured products. The CPD management system includes a set of packaging templates having data fields selected from a set of data field types, and an artwork importation module that processes a graphic file to identify elements of a packaging layout. The artwork importer generates metadata that associates each of the elements with a respective one of the data field types of the packaging templates. A record manager presents an interface by which a user forms packaging records based on the metadata. An output manager communicates the packaging record to an output location to control printing of packaging material.